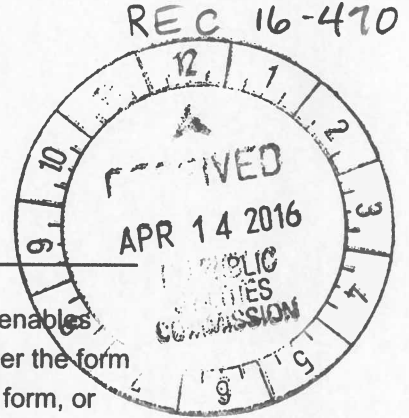


NH Public Utilities Commission

REC Aggregator Portal



New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)

Basic Information

Who is submitting this request?

Aggregator

Aggregator Batch Number

KE041416

Are you registered in NH

- ☒ Yes  
☐ No

Aggregator name

Knollwood Energy - 14625

NH Reg #

Aggregator Email

karenton@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Name

Facility Owner Name

Joe Ducharme

Facility Owner email

jducharme04@yahoo.com

Owner Phone

978-430-0323

Facility Address

3 Christina Road

Facility Town/City

Raymond

Facility State

NH

Facility Zip

03077

Is the facility address the same as the owner's mailing address

☒ Yes

☐ No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact

Karen Tenneson

Primary Contact

Facility Primary Contact

karenton@knollwoodenergy.com

Other Email Address

Facility Information

Class

Utility

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

Date of Initial Operation

Facility Operator Name, if applicable

Panel Quantity

Panel Make

Panel Model

Panel Rated Output

System capacity based on panels

Inverter Quantity

33

Inverter Make

Enphase Energy

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Rated Output - Primary Inverter

215

Rated Output - Additional Inverter

System capacity based on single inverter make

7095

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

8.91

Revenue Grade Meter Make

AEE Solar

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes  
☒ No

Electrician Name & Number

Brian Pare12245M

Other Electrician Name & Number

Installation Company

SunRay Solar

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☒ Yes  
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

[https://fs30.formsite.com/jan1947/files/f-5-99-6555395\\_LEEyalpo\\_Ducharme\\_IC\\_Copy.pdf](https://fs30.formsite.com/jan1947/files/f-5-99-6555395_LEEyalpo_Ducharme_IC_Copy.pdf)

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

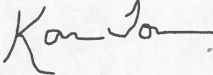
Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-168-6555395\\_DrxsL0DK\\_Ducharme\\_NHOS.pdf](https://fs30.formsite.com/jan1947/files/f-5-168-6555395_DrxsL0DK_Ducharme_NHOS.pdf)

Please attach additional document here

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.

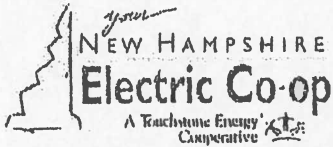


Print Name

Karen Tonnesen

Date Signed

04/14/2016



**NEW HAMPSHIRE ELECTRIC CO-OP**  
**INTERCONNECTION APPLICATION-RENEWABLE GENERATION UP TO 1000 KW**

PURSUANT TO NEW HAMPSHIRE ADMINISTRATIVE RULE PUC 900, APPLICANT HEREBY GIVES NOTICE OF INTENT TO INSTALL AND OPERATE A GENERATING FACILITY.

**Section 1. Applicant Information**

Name: Joseph Ducharme

Mail Address: 3 Christina Road

City: Raymond State: NH Zip Code: 03077

Facility Location (if different from above): \_\_\_\_\_

Daytime Phone #: 978-430-0323

Distribution Utility: New Hampshire Electric Cooperative, Inc. Account #: [REDACTED]

Electricity Supplier (ES): \_\_\_\_\_ Account #: \_\_\_\_\_

**Section 2. Generating Facility Information**

Generator Type (check one): Solar ☒ Wind \_\_\_\_\_ Hydro \_\_\_\_\_

Generator Manufacturer, Model Name & Number: SunEdison Silvantis F Series, F270, 33 panels

Number of Phases of Unit: Single, Three or Other: Single

Generation output rating in AC & DC Kilowatts: 8.91kW DC, 7.095kW AC

Inverter Manufacturer, Model Name & Number: Enphase M215

Battery backup? ☐ Yes ☒ No

Will a generator Disconnect Switch accessible to the utility be installed? ☒ Yes ☐ No

Proposed location of Disconnect Switch, if applicable: Outside next to meter

**Section 3. Installation Information & Certification**

1. Installer ☐ Check if owner-installed

Installation Date: August 2015

Installing Electrician: SunRay Solar, LLC

State of NH License #: 12245M

Mail Address: 124A Hall St

City: Concord

State: NH Zip Code: 03301

Daytime Phone #: 603-225-6001



Section 3. Installation Information & Certification continued

2. The system hardware is listed to Underwriters Laboratories standards to be in compliance with UL 1741 and IEEE 929-2000:

Signed (Vendor/Supplier): Richard Hickey

Name (printed): Richard Hickey Date: 07-21-2015

Company: SunRay Solar, LLC

Company Address: 124A Hall Street, Concord, NH 03301

3. The system has been installed in compliance with the local Building/Electrical Code of 2014 NEC

(City/County) Ramond

Signed (Electrician or Town Inspector): Paul Hammond

Print Name: Paul Hammond Date: 8-20-15

In lieu of signature by Inspector, a copy of final inspection certificate may be attached.

4. The initial start-up test required by PUC 905.04 has been successfully completed by the electrician.

Completed on 8-20-15 Witnessed By Chris Lane

5. Utility signature to signify only receipt of this form, in compliance with the Commission's net metering rules PUC 900.

Signed (NHEC): [Signature]

Print Name: JOHN MCNEIL Date: 9-3-15

Signed (Electricity Supplier Representative): \_\_\_\_\_

Date: \_\_\_\_\_

6. Interconnection Date: 9-3-15

Applicant agrees to install and operate the system in accordance with PUC 900.

I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true and correct.

Signature of Applicant: Joseph D. [Signature] Date: 2/15/15

THE ELIGIBLE CUSTOMER-GENERATOR SHALL PROVIDE NEW HAMPSHIRE ELECTRIC CO-OP WITH A WRITTEN UPDATE OF THE INFORMATION ON THIS FORM AS ANY CHANGES OCCUR.



## New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

A revenue quality meter is used to measure the electricity generated.

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The meter shall be maintained according to the manufacturer's recommendations.

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A copy of the facility's interconnection agreement is attached.

Joseph Ducharme

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Printed Name of signature owner

Joseph Ducharme  
Joseph Ducharme (Apr 13, 2016)

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Signature of system owner